

CERTIFICATE

KEMA No.: 2084155.01

Issued to:
Applicant:
Industries Ventura, Layrton S.L.
Autovia de logrono, KM 11,5
50180, UTEBO (ZARAGOZA), Spain

Product : ballasts for fluorescent lamps

Trade name : LAYRTON

Types : EBT-1x36W/220/240
EBT-1x58w/220/240
EBT-2x36W/220/240
EBT-2x58W/220/240

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

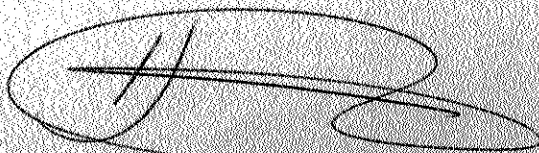
- a type test according to the standard EN 61347-2-3/EN 60929
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2005989

KEMA hereby grants the right to use the ENEC KEMA-KEUR certification mark.



The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: June 2, 2005



P.G.M. Roelofs
Certification Manager

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KEMA Quality B.V.

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ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	:	ballasts for fluorescent lamps
trade name	:	LAYRTON
types	:	EBT-1x36 W/220/240 EBT-1x58 W/220/240 EBT-2x36 W/220/240 EBT-2x58 W/220/240
rated voltage	:	220...240 V
nature of supply	:	ac
rated frequency	:	50..60 Hz
description	:	for building in

Additional information

- for tubular fluorescent lamps

Product data – type EBT-1x36W/220/240

rated wattage	:	1 x 36 W T8
power factor	:	0,96
temperature range	:	-20...+50 °C
max. case temperature	:	tc = 75 °C

Product data – type EBT-1x58w/220/240

rated wattage	:	1 x 58 W T8
power factor	:	0,96
temperature range	:	-20...+ 55 °C
max. case temperature	:	tc = 75 °C

Product data – type EBT-2x36W/220/240

rated wattage	:	2 x 36 W T8
power factor	:	0,97
temperature range	:	-20...+ 60 °C
max. case temperature	:	tc = 75 °C

Product data – type EBT-2x58W/220/240

rated wattage	:	2 x 58 W T8
power factor	:	0,97
temperature range	:	-20...+ 55 °C
max. case temperature	:	tc = 75 °C

TESTS**Test requirements**

EN 60929:1992 + A1:1995 + A2:1996
EN 61347-1:2001
EN 61347-2-3:2001.

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Test result

The test results are laid down in KEMA test file 2084155.01.

Remarks

-

Conclusion

The examination proved that all test requirements were met.

Tested by

: M. Müller



Checked by

: P.G.M. Roelofs

**Factory-Location**

As laid down in KEMA file no. 2084155.01.

List of components

component	trade name	type/model	approval mark ¹⁾
screwless terminals 0,5-1,5mm ²	WAGO	250	VDE, SEV
screwless terminals 0,5-1mm ²	WAGO	251	ENEC
screwless terminals 0,5-0,75mm ²	Openwise	613	VDE
screwless terminals 0,5-1,5mm ²	Openwise	673	VDE
¹⁾ * indicates a component tested as part of the appliance			